

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005797.D
 Acq On : 20 Aug 2021 16:51
 Operator : SY/MD
 Sample : M3465-01
 Misc : 5.14G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:08:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

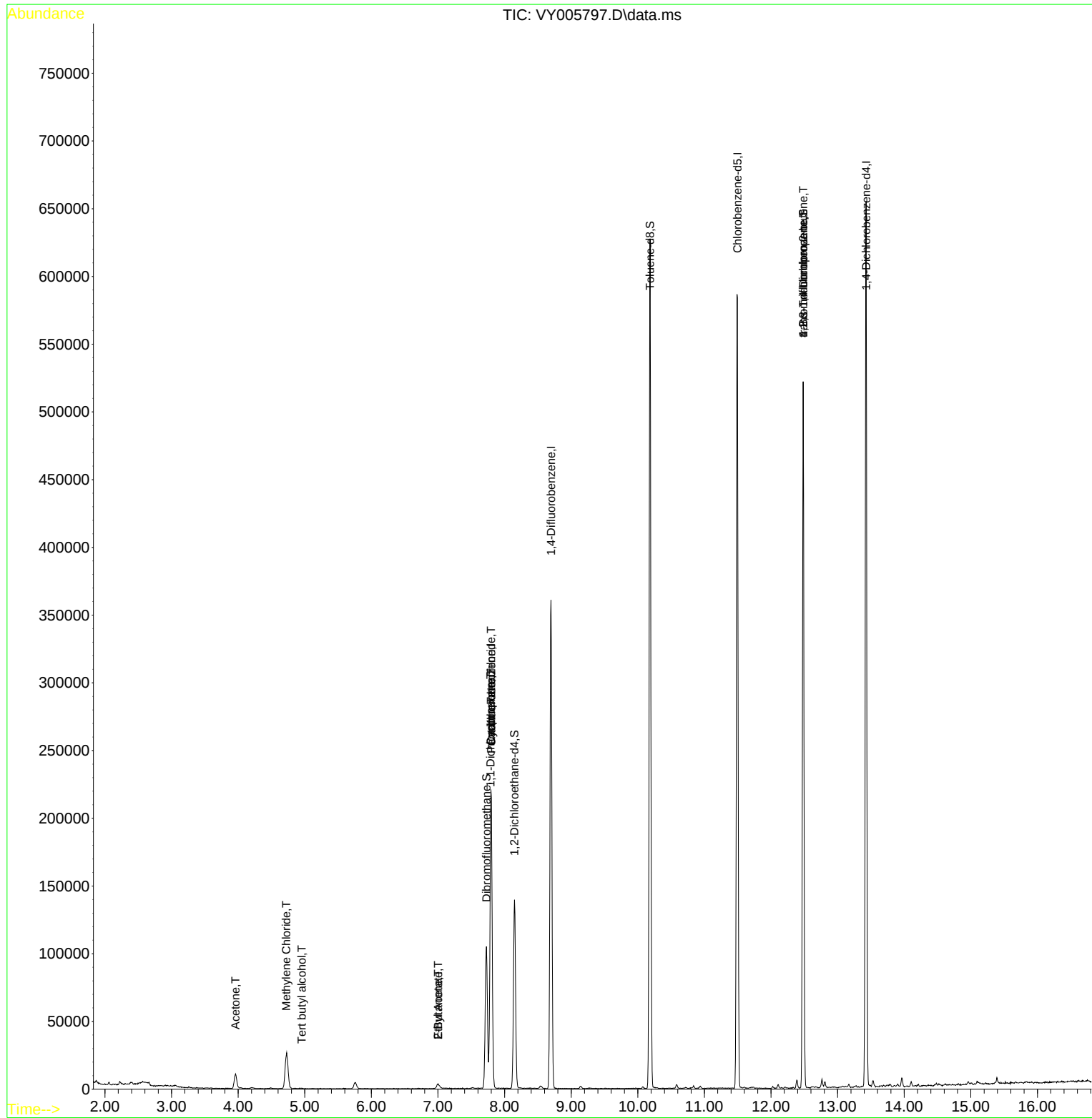
Internal Standards						
1) Pentafluorobenzene	7.801	168	179847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	309404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	323278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	111997	61.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.040%	
35) Dibromofluoromethane	7.728	113	71313	41.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 82.340%	
50) Toluene-d8	10.184	98	399040	54.926	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.860%	
62) 4-Bromofluorobenzene	12.483	95	144281	59.972	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	382	2.123	ug/l #	73
16) Acetone	3.960	43	19458	42.393	ug/l	98
20) Methylene Chloride	4.722	84	19415	5.243	ug/l	93
25) 2-Butanone	7.002	43	4598	6.777	ug/l	93
31) Cyclohexane	7.795	56	3429	1.098	ug/l #	26
36) 1,1-Dichloropropene	7.789	75	12844	4.426	ug/l #	48
37) Ethyl Acetate	7.002	43	4598	2.615	ug/l #	70
38) Carbon Tetrachloride	7.795	117	16559	5.250	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	79478	45.305	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79478	91.328	ug/l #	11

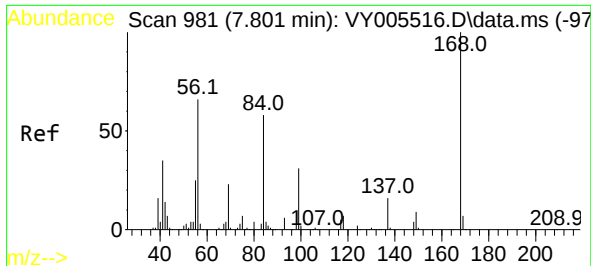
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.14G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

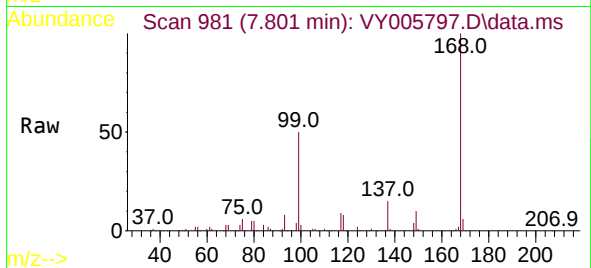
Quant Time: Aug 23 01:08:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration



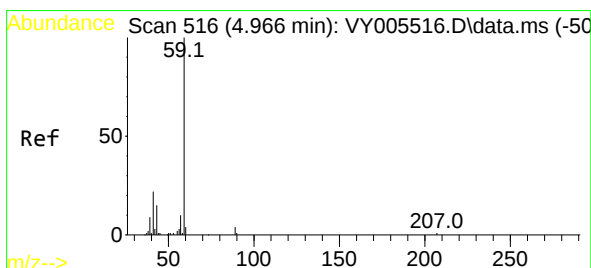
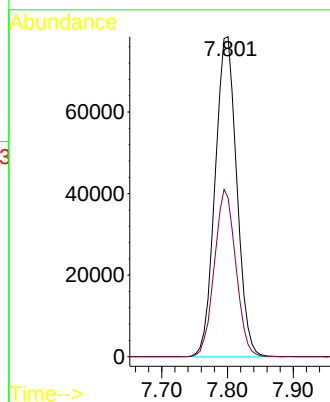
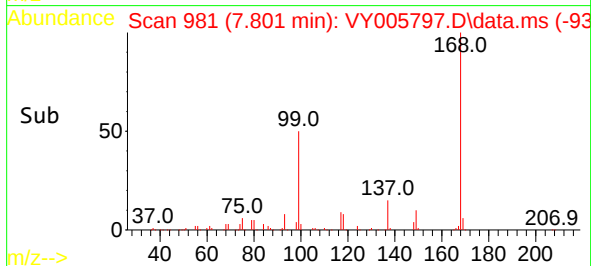


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Instrument :
MSVOA_Y
ClientSampled :

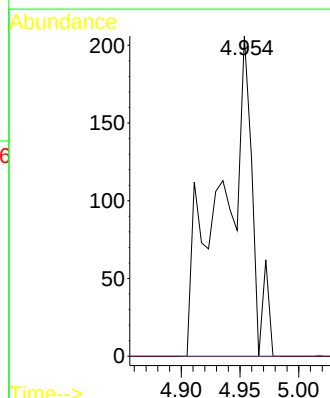
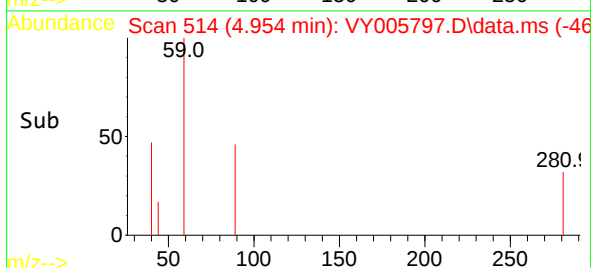
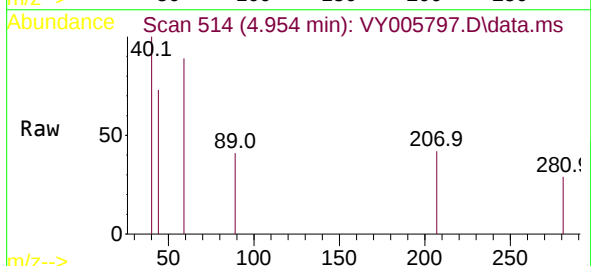


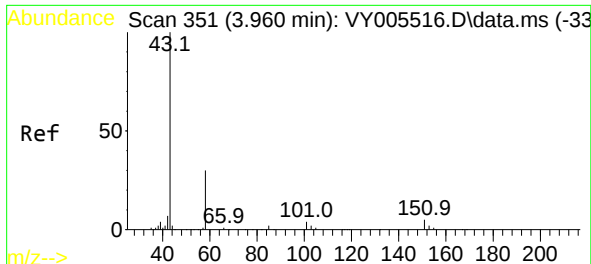
Tgt Ion:168 Resp: 179847
Ion Ratio Lower Upper
168 100
99 49.7 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.123 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.013 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 59 Resp: 382
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

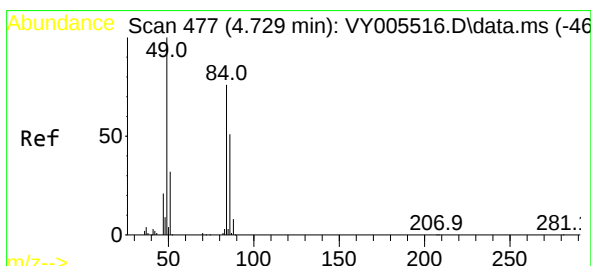
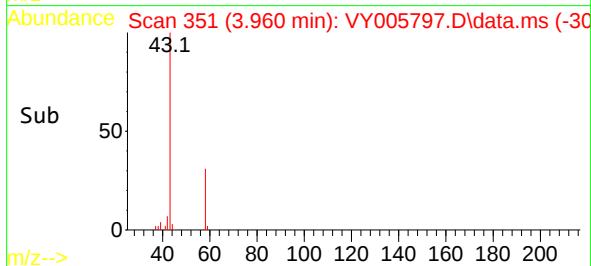
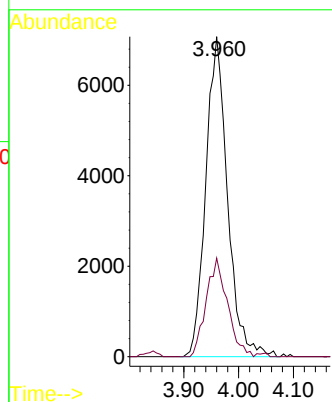
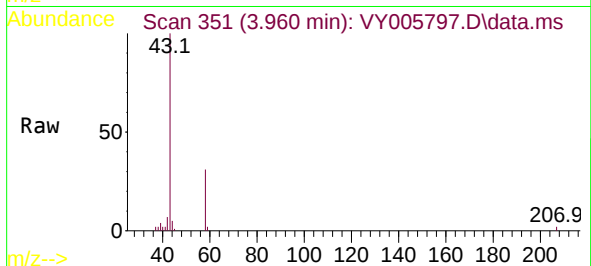




#16
Acetone
Concen: 42.393 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

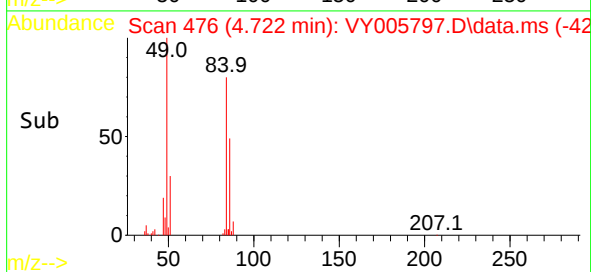
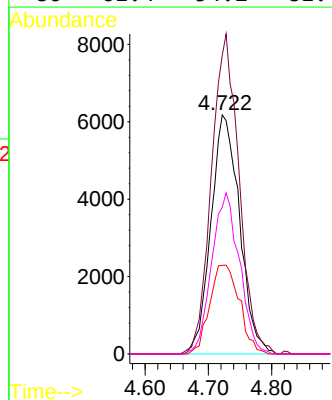
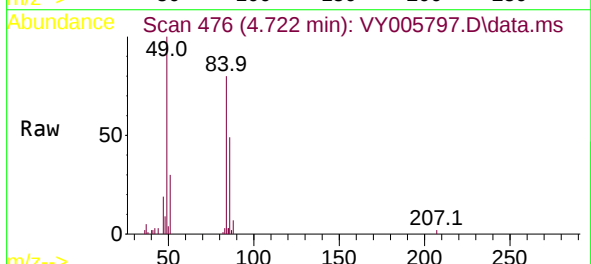
Instrument :
MSVOA_Y
ClientSampleId :

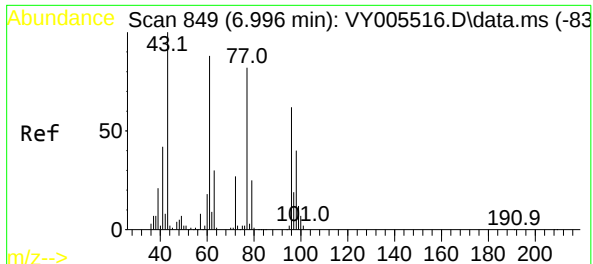
Tgt Ion: 43 Resp: 19458
Ion Ratio Lower Upper
43 100
58 30.8 23.8 35.6



#20
Methylene Chloride
Concen: 5.243 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 84 Resp: 19415
Ion Ratio Lower Upper
84 100
49 124.9 105.8 158.6
51 37.1 33.4 50.2
86 61.4 54.2 81.4

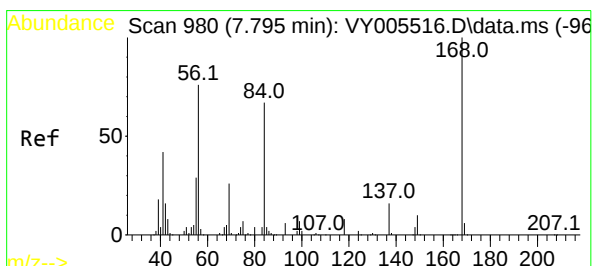
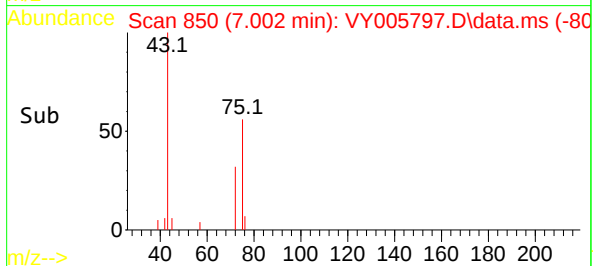
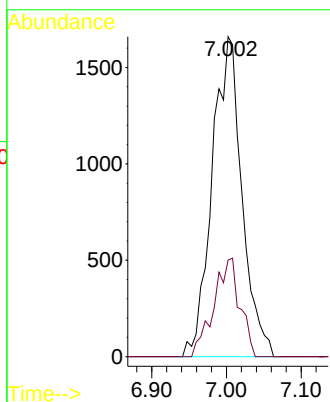
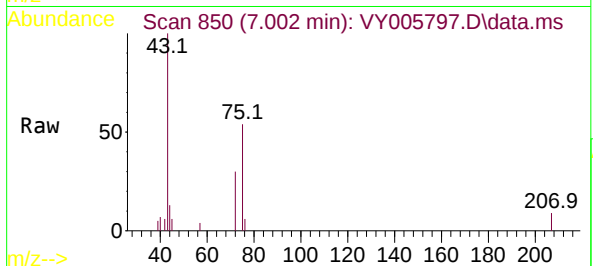




#25
2-Butanone
Concen: 6.777 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

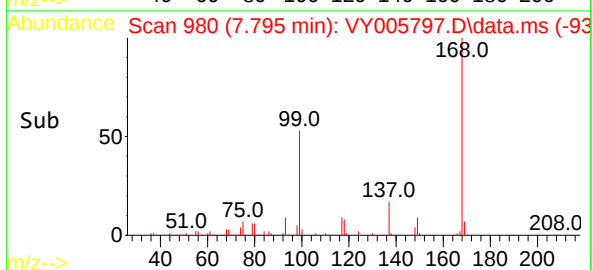
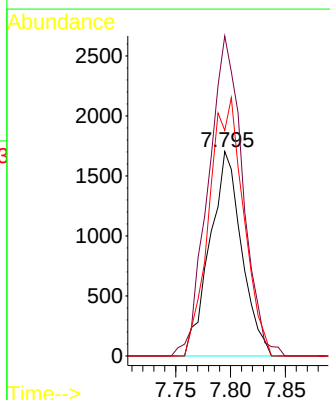
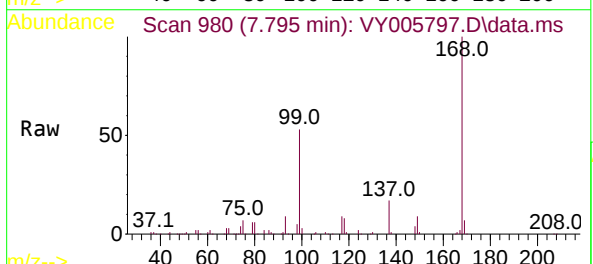
Instrument :
MSVOA_Y
ClientSampled :

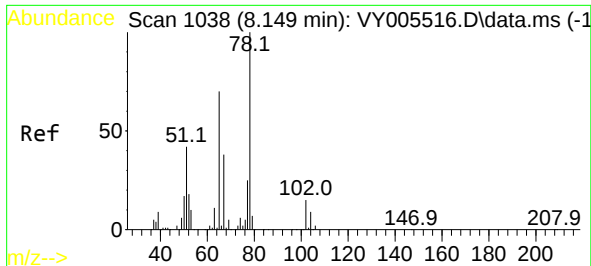
Tgt Ion: 43 Resp: 4598
Ion Ratio Lower Upper
43 100
72 30.2 21.4 32.2



#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 56 Resp: 3429
Ion Ratio Lower Upper
56 100
69 152.6 27.7 41.5#
84 110.3 70.9 106.3#

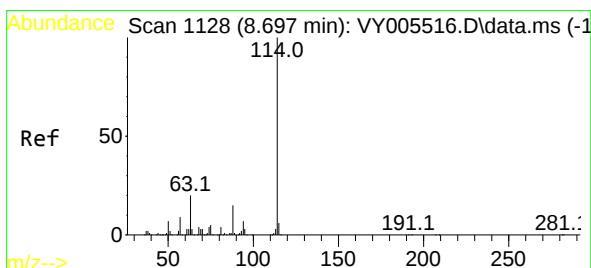
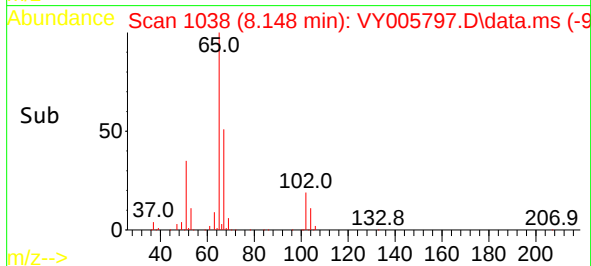
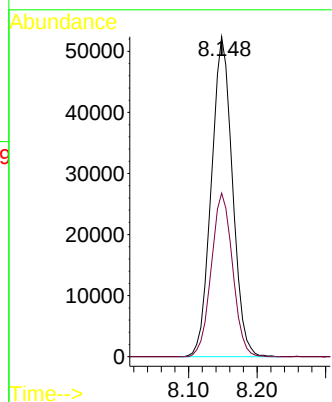
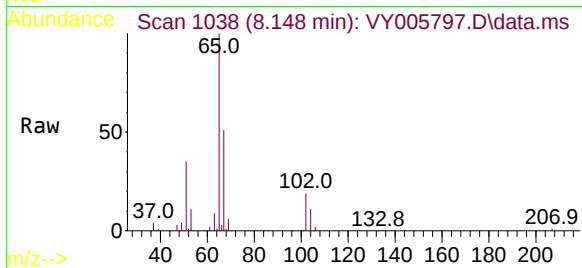




#33
1,2-Dichloroethane-d4
Concen: 61.520 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

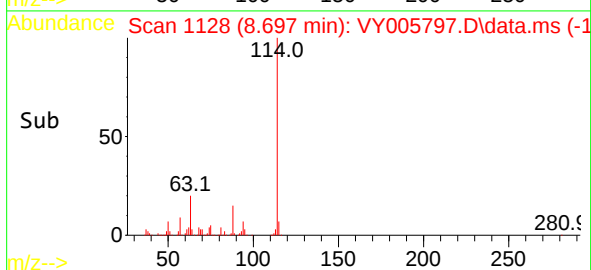
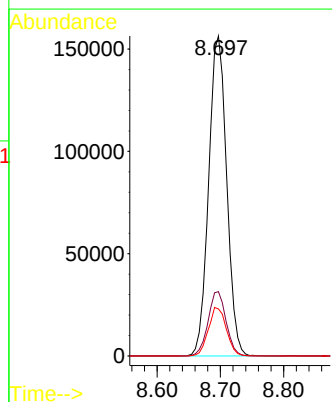
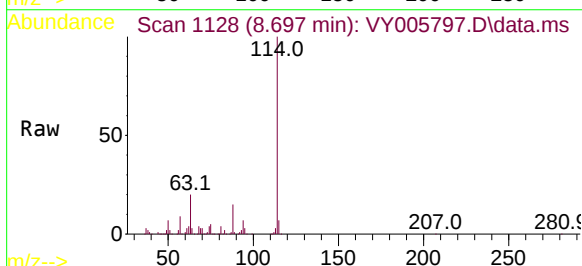
Instrument :
MSVOA_Y
ClientSampleId :

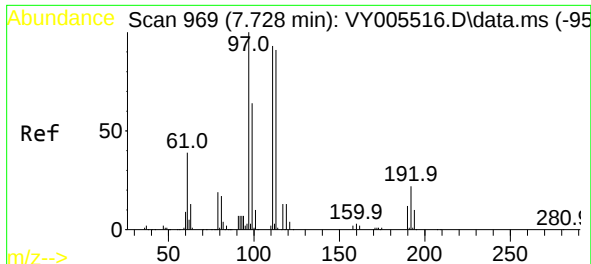
Tgt Ion: 65 Resp: 111997
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 114 Resp: 309404
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 14.7 0.0 30.8

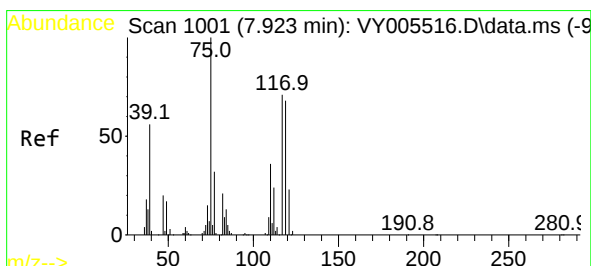
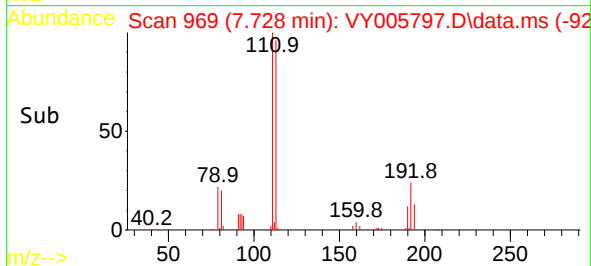
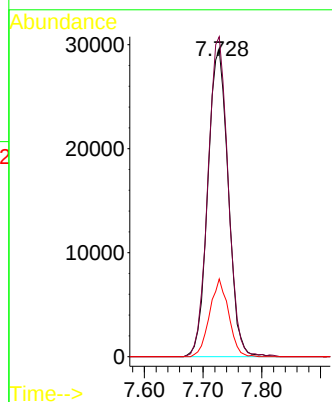
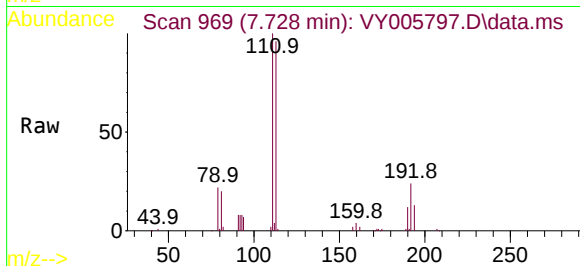




#35
Dibromofluoromethane
Concen: 41.167 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

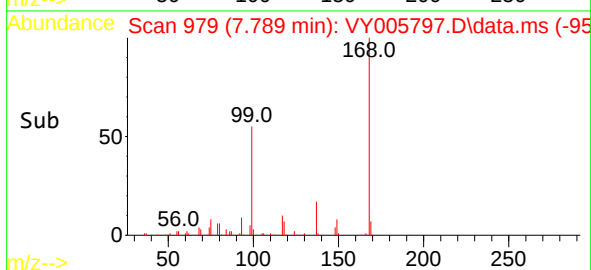
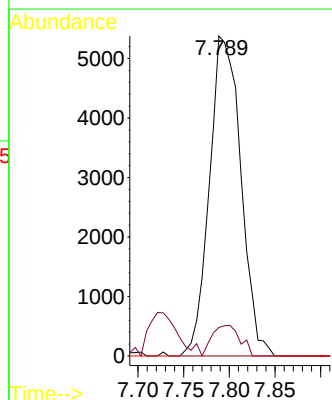
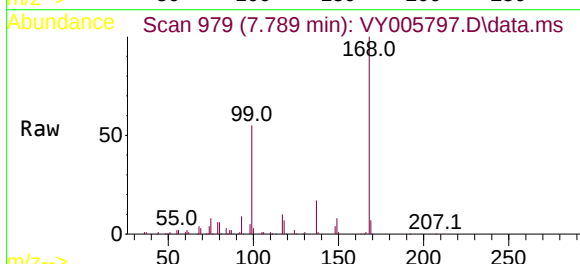
Instrument :
MSVOA_Y
ClientSampleId :

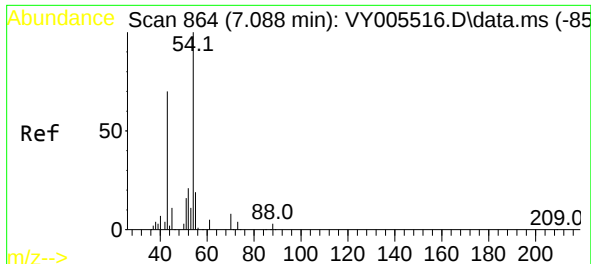
Tgt Ion:113 Resp: 71313
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 23.4 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.426 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.135 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 75 Resp: 12844
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 2.615 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.086 min

Lab File: VY005797.D

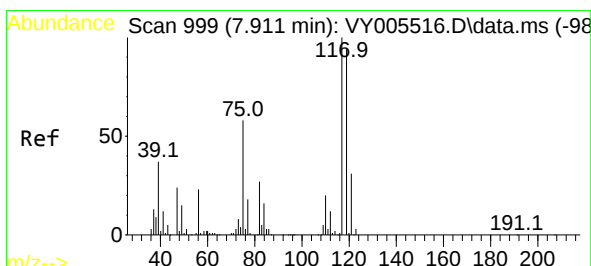
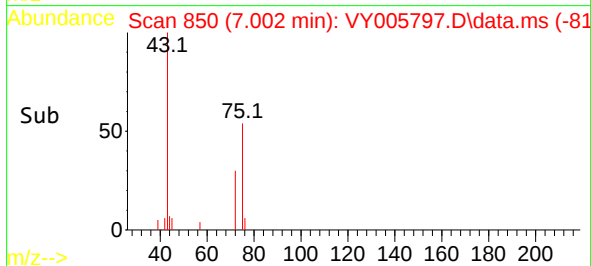
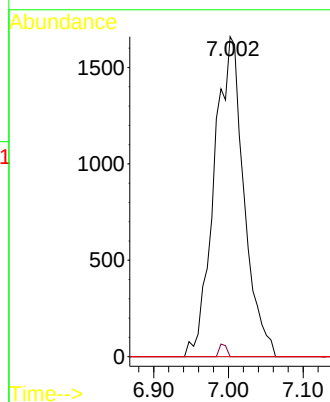
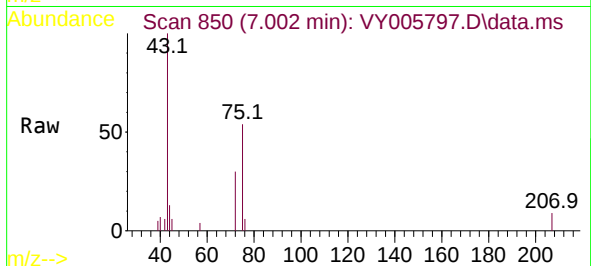
Acq: 20 Aug 2021 16:51

Instrument :

MSVOA_Y

ClientSampled :

Tgt Ion:	43	Resp:	4598
Ion	Ratio	Lower	Upper
43	100		
61	1.0	10.6	15.8#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 5.250 ug/l

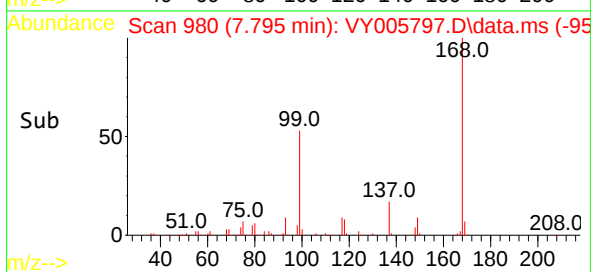
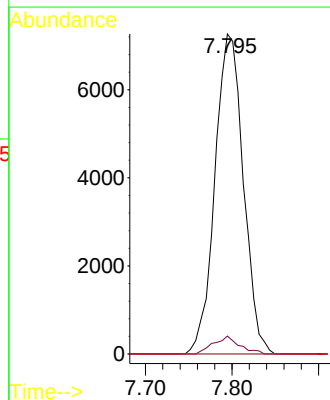
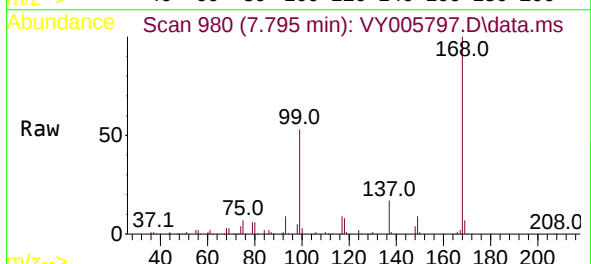
RT: 7.795 min Scan# 980

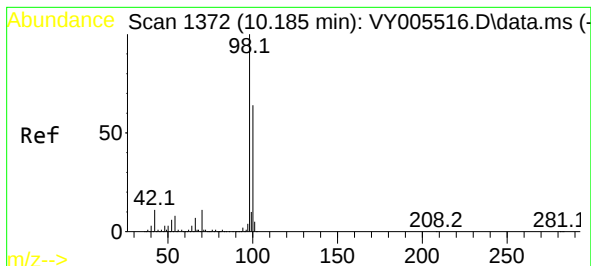
Delta R.T. -0.116 min

Lab File: VY005797.D

Acq: 20 Aug 2021 16:51

Tgt Ion:	117	Resp:	16559
Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.4	113.0#
121	0.0	25.1	37.7#

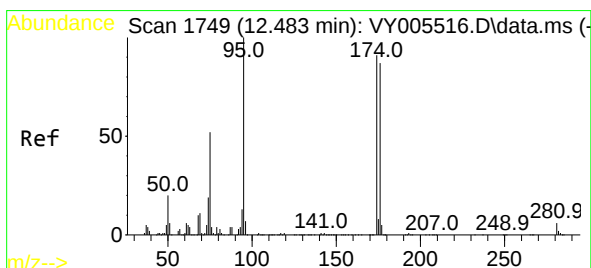
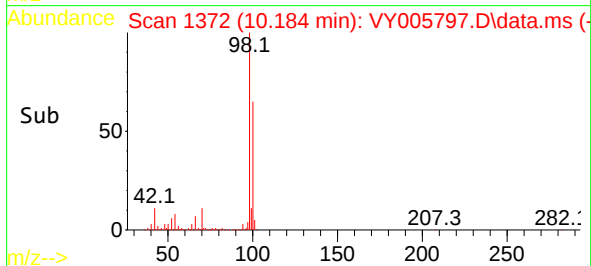
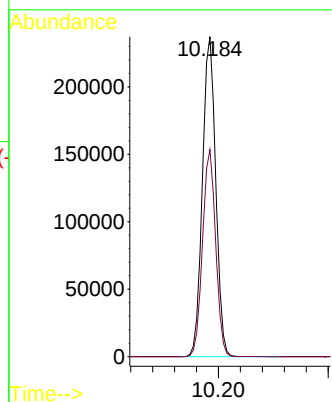
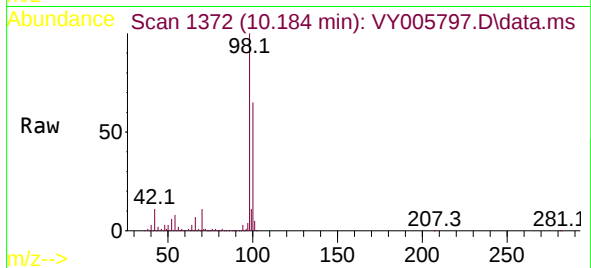




#50
Toluene-d8
Concen: 54.926 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

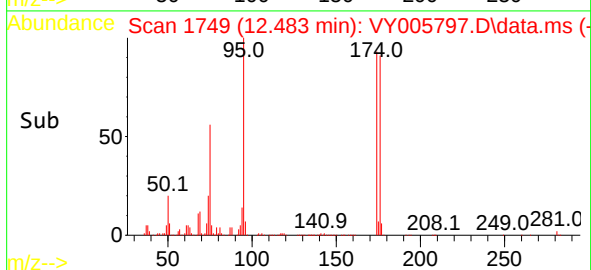
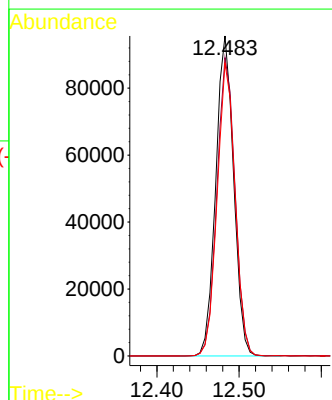
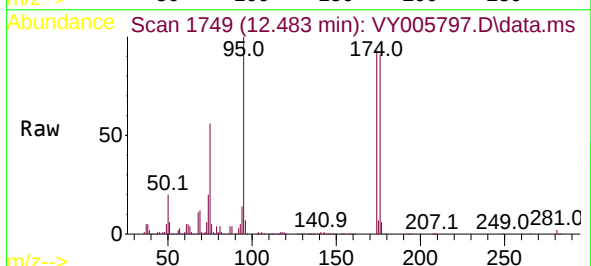
Instrument :
MSVOA_Y
ClientSampleId :

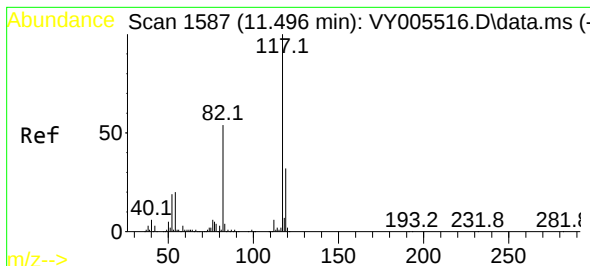
Tgt Ion: 98 Resp: 399040
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.972 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 95 Resp: 144281
Ion Ratio Lower Upper
95 100
174 94.7 0.0 191.4
176 91.5 0.0 183.6

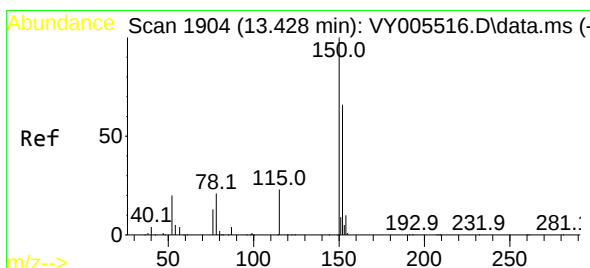
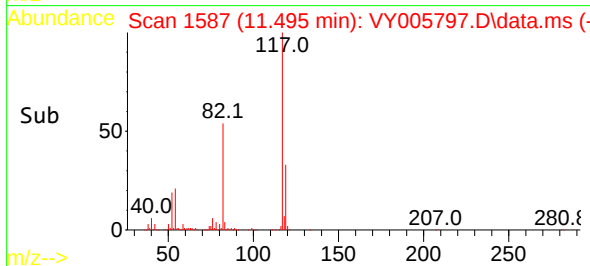
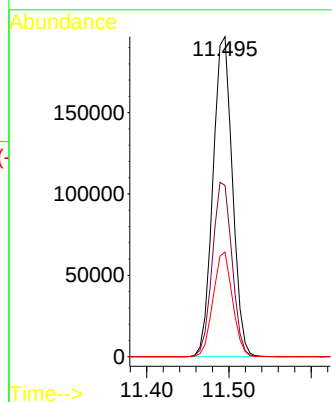
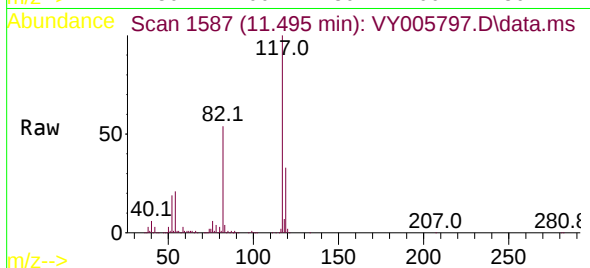




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

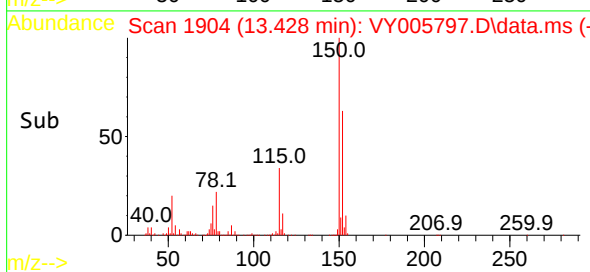
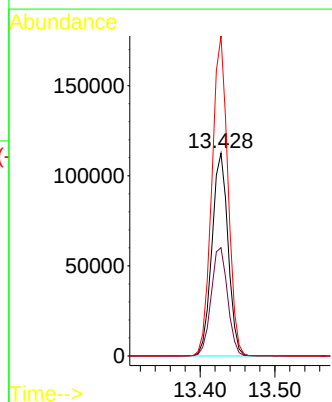
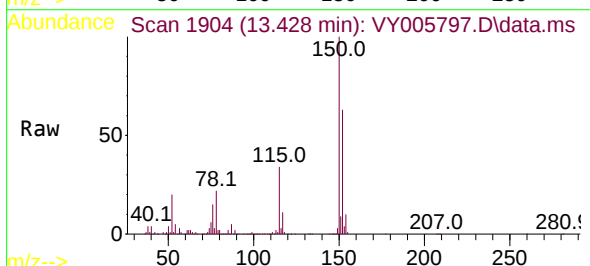
Instrument :
MSVOA_Y
ClientSampleId :

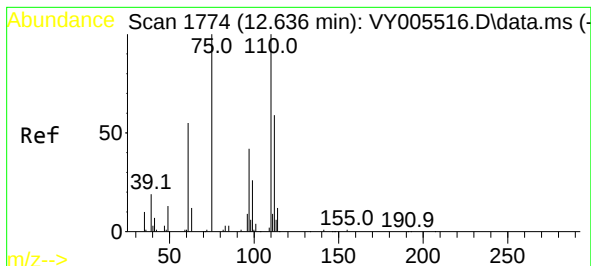
Tgt Ion:117 Resp: 323278
Ion Ratio Lower Upper
117 100
82 53.5 43.5 65.3
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion:152 Resp: 169287
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 156.5 0.0 350.2

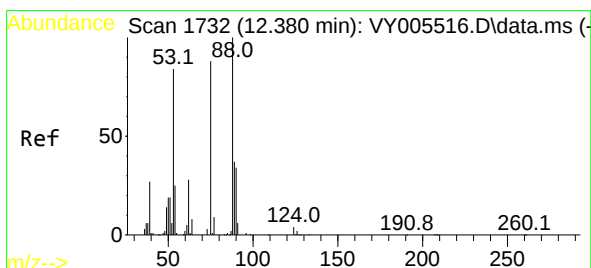
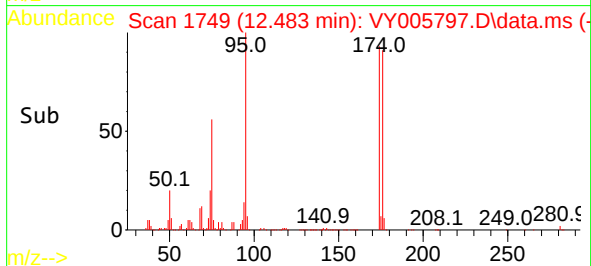
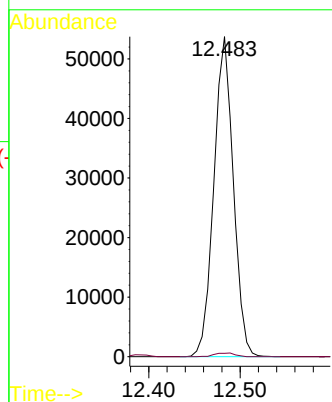
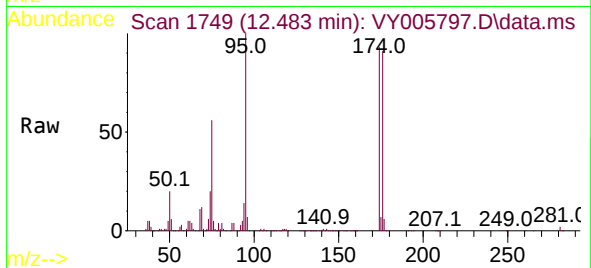




#76
1,2,3-Trichloropropane
Concen: 45.305 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 79478
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.328 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 75 Resp: 79478
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#

